



pH Meter PHT 830

MEASUREMENT OF PH OR REDOX- OR ISE-POTENTIAL AND TEMPERATURE, AUTOMATIC TEMPERATURE COMPENSATION, AUTOMATIC CALIBRATION ROUTINE, DATA LOGGER FOR 4000 DATA SETS, USB INTERFACE, SOFTWARE, MIN-/MAX-VALUE MEMORY, GRAPHIC BACKLIGHTED DISPLAY.

The meter combines the features for mobile application in the field with the precision and comfort of a laboratory meter with plain text structure menu, integrated data logging system and a rugged watertight IP 65 housing. The PHT 830 has an automatic temperature compensation for the pH measuring as well as an adjustable reference temperature with measurements without temperature sensor. For calibration a manual or automatic two point calibration routine can be used. Other possible applications of the device are the measurements of redox (ORP) or ISE-potential relative to the standard hydrogen electrode to DIN 38404. Important GLP functions such as date and time, the main measuring value, 2nd measuring value including the physical units, temperature and device number are recorded in the data file.

The set includes:

1x PHT 830 pH-Meter with case
each 1x Buffer solution pH 4,006, pH 6,865, PH 9,180, KCl-solution

Part-No.: 1340-5812 PHT 830 SET 1 pH Meter with plastic electrode
Part-No.: 1340-5813 PHT 830 SET 2 pH Meter with glass electrode
Part-No.: 1340-5814 PHT 830 SET 3 pH Meter with penetration electrode



Specifications

Measuring range		Interface	USB, isolated
pH:	0...14; -1999...1999 mV;	Ambient temperature	-10...+55 °C
Temperature:	-10...+100 °C;	Connectors	connector BK for sensor, 4-pole USB interface socket
ISE:	0...30000 ppm	Housing	ABS, IP 65
Resolution	0.01 pH; 1 mV; 0.1 °C	Dimensions	200 x 95 x 40 mm (WHD)
Accuracy		Weight	290 g incl. batteries (3 x AA, IEC R6, LR6, 1.5 V)
pH:	± 0.03 (± 2 pH-steps)		
Temperature:	± 0.1 °C		
Temperature compensation	automatic with Pt 1000 or fixed temperature		
Display	graphic LCD, 128 x 64 pixel, backlighted		

Headquarters:
Xylem Analytics Germany Sales GmbH & Co. KG, ebro · Peringerstr. 10 · 85055 Ingolstadt
Tel +49 841 95478-0 · Fax +49 841 95478-80
Internet: www.ebro.com · E-Mail: ebro@xylem.com

Representatives worldwide:
www.ebro.com

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